

REMARKS/ARGUMENTS

Claims 1-29, 45-61, 64, 68-69, 109, 111, 127-135 and 151 are pending. Claims 30-34, 110, 112 and 136-138 are hereby withdrawn with traverse (see below) in response to a restriction requirement in the Office Action mailed November 18, 2008 (hereinafter referred to as "Office Action"). Claims 35-44, 62-63, 65-67, 70-108, 113-126 and 139-150 have been canceled without prejudice. It is believed that no other fees are due at this time. In view of the following remarks and amendments, applicant respectfully requests a timely Notice of Allowance be issued in this case.

Traverse of Restriction Requirement and Election of Claims

The Office Action indicated that claims 1-34, 45-61, 64, 68, 69, 109-112, 127-138 and 151 were subject to a restriction requirement based on the following inventions:

- Group I: Claims 1-29, 45-61, 64, 68-69, 109, 111, 127-135 and 151, drawn to a knowledge discovery engine where relationships between two or more integrated objects are identified, retrieved, grouped, ranked, filtered and numerically evaluated, classified in class 707, subclass 2;
- Group II: Claims 30-34, 45-61, 64, 68-69 and 151, drawn to a knowledge discovery engine that recognizes relationships and identifies one or more co-occurrences of objects within the data source, and identifies implicit relationships between the objects circuit, classified in class 707, subclass 102;
- Group III: Claim 110, drawn to constructing a database of lexical variants, scanning an object-relationship database with a database of lexical variants to add synonyms; and assigning each object a unique numeric ID and storing relationships by lowest ID first; and checking the object-relationship database for errors, classified in class 707, subclass 7;
- Group IV: Claim 112, drawn to generating a comprehensive network of relationships and storing the shared relationships evaluated by one or more statistical bounded network models, wherein a query is performed on the shared relationships to identify novel relationships from the comprehensive network of relationships, classified in class 707, subclass 104.1; and
- Group V: Claim 136-138, drawn to identifying objects directly and indirectly related to query objects and quantitatively evaluating each implicitly with the query object by deriving an importance score and veracity score, classified in class 707, subclass 5.

Note that claims 131-132 were listed in Group I in the Office action mailed July 11, 2008.

The Office Action indicated that the Groups are related as subcombinations disclosed as usable together in a single combination, but have separate utility and do not

require the particulars of the other groups. Moreover, the Office Action indicated that these inventions have acquired a separate status as shown by their different classification and the search required for each group would be different.

Groups I-V are all classified in class 707. Group II has five claims that are not included in Group I. Groups III and IV each have one claim. Group V has three claims. Based on an election of Group I, applicant respectfully submits that searching four additional subclasses (same class) for ten claims is not a serious burden.

In accordance with 37 C.F.R. § 1.143, applicant elects, with traverse, Group I containing claims 1-29, 45-61, 64, 68-69, 109, 111, 127-135 and 151. As a result and as reflected in the listing of claims, claims 1-29, 45-61, 64, 68-69, 109, 111, 127-135 and 151 are pending and claims 30-34, 110, 112 and 136-138 are withdrawn with traverse. Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 C.F.R. § 1.141.

Conclusion

For the reasons set forth above, applicant respectfully requests reconsideration by the examiner and withdrawal of the rejections. Applicant submits that claims 1-34, 45-61, 64, 68, 69, 109-112, 127-138 and 151, as amended, are fully patentable. Applicant respectfully requests that a timely Notice of Allowance be issued in this case. If the examiner has any questions or comments, or if further clarification is required, it is requested that the examiner contact the undersigned at the telephone number listed below.

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Respectfully submitted,
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